

Product datasheet for **RC214951L4V**

GALNT12 (NM_024642) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GALNT12 (NM_024642) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GALNT12
Synonyms:	CRCS1; GalNAc-T12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024642
ORF Size:	1743 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214951).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_024642.3
RefSeq Size:	2770 bp
RefSeq ORF:	1746 bp
Locus ID:	79695
UniProt ID:	Q8IXK2
Cytogenetics:	9q22.33
Domains:	RICIN, Glycos_transf_2
Protein Families:	Transmembrane



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Protein Pathways: Metabolic pathways, O-Glycan biosynthesis

MW: 66.8 kDa

Gene Summary: This gene encodes a member of a family of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferases, which catalyze the transfer of N-acetylgalactosamine (GalNAc) from UDP-GalNAc to a serine or threonine residue on a polypeptide acceptor in the initial step of O-linked protein glycosylation. Mutations in this gene are associated with an increased susceptibility to colorectal cancer.[provided by RefSeq, Mar 2011]